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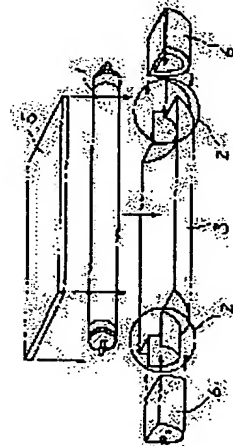
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(54) REFLECTING PLATE FOR LIQUID CRYSTAL BACK LIGHT

(57)Abstract:

PURPOSE: To increase the luminance of back light and prevent the heat from a fluorescent lamp from being transmitted to a liquid crystal plate by forming a reflecting plate with a light metal and bringing its both ends into face contact with the fluorescent lamp.

CONSTITUTION: A lamp fixing part 2 is so provided that glass parts in both ends of a fluorescent lamp 1 are brought into contact with both end parts of a reflecting plate 3, and the heat radiated from the fluorescent lamp 1 is not closed in the part surrounded with the reflecting plate 3 and a diffusing plate 5 but is radiated to the outside through the reflecting plate 3 consisting of Al or the like. By this system, the heat is not transmitted to a liquid crystal plate 7 to prevent the malfunction of the liquid crystal plate 7 even if the liquid crystal plate 7 is put on the diffusing plate 5. Since the coldest point exists certainly in the lamp fixing part 2 and heat is radiated, the degradation in luminance efficiency and the unstableness of luminance of the fluorescent lamp 1 due to heat are eliminated.



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